Destinator ND
User Guide

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Note:
Some smaller (sub-) municipalities may not contain street data. In such cases, please choose the larger (super-) municipality displayed in parentheses to search for these streets. Alternatively, you can change the search order to Street>City or Zip/Postal Code>Street to find street data for the smaller municipality.

1

Welcome To Destinator ND

1.1 Introduction

The **PNA BM-6380** is a full-featured mobile satellite navigation system.

It utilizes GPS (Global Positioning System) satellites to pinpoint your location utilizing the latest mapping data technology to get you to your destination in the most efficient and timely manner.

The **Destinator ND** software assists you in planning your route and it provides Turn by Turn, Voice and Visual instructions for getting to your destination.

1.2 Any Turn is OK

With Destinator ND, there is no such thing as a “wrong turn.” You can deviate from the planned route at any time. For example, you might want to avoid traffic, detour around road blocks, or take an alternate route of your choice.

Destinator ND does not require that you turn around and go back to the original route. Rather, Destinator ND will calculate a new route to your destination using your current position.

1.3 Getting Help

An abbreviated Help file with basic Destinator ND navigational definitions and instructions is available.

At the map screen, press the button, cycle to the Options Menu by pressing the button, and select

.

1.4 Technical Support

If you have other questions about the PNA BM-6380 Navigation Device, please contact your supplier or Technical Support:
www.bluemedia-it.com
or
Hotline +49 (0) 700 - EASYCARE* (+49 (0) 700 – 327 922 73*).

* 0,12 € / minute via a German Telekom landline (DTAG)

2

Using Destinator ND Console

2.1 Menu and Toolbar Overview

Toolbar

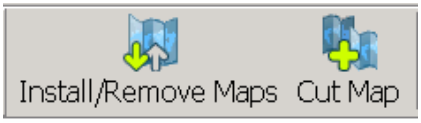
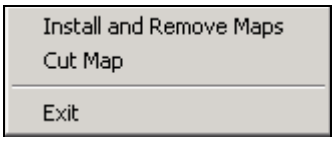


Figure 1 - Destinator ND Console Toolbar

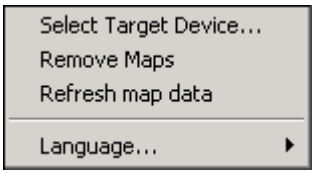
- **Install / Remove Map** – Dual function of installing new or self created maps or removing old not used maps to save memory
- **Cut Maps** – Allows you to create and cut own selection of map(s)

File Menu



- **Install and Remove Maps** – Installs new or remove old maps
- **Cut Map** – Cut your selection from a large map
- **Exit** – Close down Destinator ND Console

Tools Menu



- **Select Target Device** – Select where to load map
- **Remove Maps** – Remove old or not used maps to save on memory
- **Refresh map data** – loaded new map(s) and need to refresh Installed map window
- **Language** – Select your Language to install Destinator ND in (default English)

Help Menu

- **About Destinator ND Console** – Version of Destinator ND Console

2.2 Exit from Destinator ND Console

1. When you are ready to exit the Destinator ND Console, click **File > Exit**.

Figure 2 - Quit Destinator ND Pop-up

2. You will need to confirm that you want to **Exit**. Press **Yes** and you will exit from the Destinator ND Console.

2.3 Creating Your Own Maps

Living in California, but need only the map and driving directions for San Francisco? Well **Destinator ND** has made that easy with its simple to use **Cut Map** tool.

1. From **Standard Maps** window select the map(s) you wish to load by clicking on the map image or selecting them from the list. (√) represents a selected map to install.

2. Press the **Cut Map**

button.

   A Confirmation Dialog is displayed, press the **OK** button to install the map(s), or the **Cancel** button to exit map installation and return to select map(s). The selected map is temporally loaded to hard disk.

3. The map is displayed on screen - Then **Zoom In**

on a section, zone, selected area or city of interest.

4. Use the toolbar for **Address** or **POI** selection, to **Zoom**, to select a **sub-region**, or **Crop** (to select a rectangular area to be cut).

5. Click **Crop**

(Draws a **Rectangle** around area to cut – your selection eg: San Francisco)

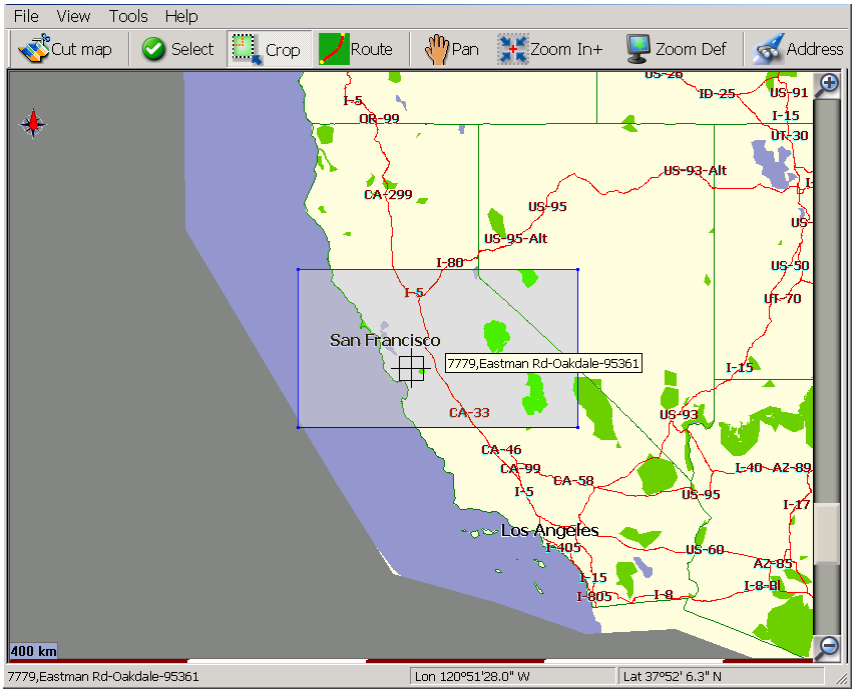


Figure 3 - Crop Map Selection (Rectangle) Window

2.4 Cut Maps

1. Click **Cut Map**

to create that selected zone (map).

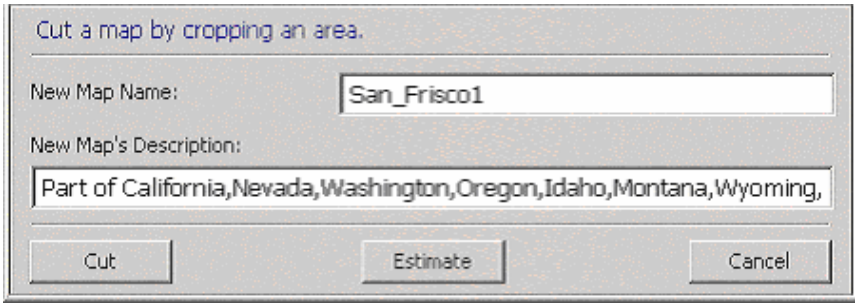


Figure 4 - Entering a New Map name Pop-up

2. Enter an unique name as the new map name eg: **San_Frisco1**.

Note: No spaces between words are allowed, but you can use underscores to separate the words (16 character maximum).

3. Pressing **Estimate** gives the size of the selected map. Do you have enough memory available? Click **OK.**

4. Click **Cut** – To automatically store the newly cut map on your computer.

   Destinator ND creates a default directory on your computer, **C:\program files\New Maps,** where all cut maps are stored.

5. Click **OK.** From Destinator ND Maps Cutter, click **File > Return to Console.** (You are returned to the Destinator ND Console).

To load map see Loading Newly Created Maps to PNA BM-6380

2.5 Selecting Pre-Cut Maps

Selecting by Address

1. Select map to load from **Standard Maps,** eg: **Italy**.

2. Click **Cut Map**

. The selected map (Italy) is automatically loaded to hard disk and displayed in the Map Cutter window.

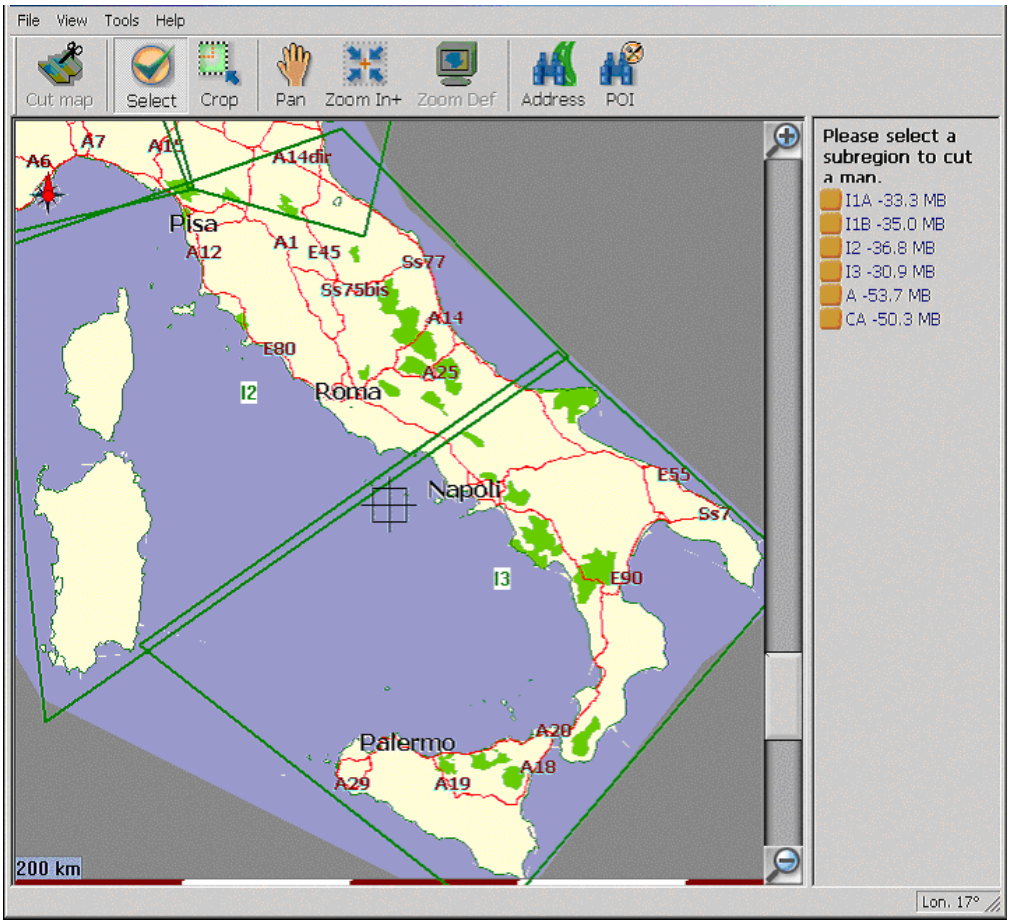


Figure 5 - Pre-Cut Selection Window

Do you have a specific **Address, POI** or **Region** that you need to map? On the In Destinator ND Cutter, on the **Toolbar** select **Address POI, zoom** or **sub-region** to **Cut**.

3. If you have a address choose the **Address**

button, select by: **City > Street and Home** or **City > Intersection**.

4. Eg: **City** - Milano then **Street and Home** - Giustiniano, Viale then click **Show Address**.

Figure 6 - Select Address Sub Region Window

5. In the Destinator ND Map Cutter main view the map is updated and selected area to be cut is centered and marked.

6. From **Toolbar,** click **Crop**

, select on the map where to draw rectangular zone to be cut. (Move your curser to the area marked and draw a box around the previously marked area).

7. Click **Cut Map**

to cut the selected zone.

Selecting Map by Intersection

Similarly If you need to select a map by Intersection.

1. From Toolbar click Address, then click City > Intersection.
2. First, click **City** then the **1st Street** and then **Intersection.**
3. From the list, click **2nd Street.**
4. The map view is updated and area to be cut is centered.
5. From **Toolbar > Crop**

, then on the map select where to draw rectangular zone to be cut.
6. Click **Cut Map**

to cut the selected zone.

Selecting Map by Points of Interest (POI)

1. From the **Toolbar** click

.
2. Select the POI eg: **Golf Courses.**
3. Select your **Golf Course.** (Ensure that it is highlighted).
4. From **Toolbar > Crop**

. - On the map select, with the mouse, where to draw Rectangular zone to be cut.
5. Click **Cut Map**

to cut selected zone.

Selecting by Sub Region

(If you are ready using the Destinator ND Map cutter see step 3).

1. On the Destinator ND Console select the main map to load from, eg: **Italy.**

2. Click **Cut Map**

. The Destinator ND Map Cutter is displayed.

3. A list of **sub-regions** is, displayed on the right hand of the selected map. Click on the sub-region to download.

4. Click **Cut Map**

to cut selected zone.

2.6 Loading Newly Created Maps to PNA BM-6380

1. On the Destinator ND Console, to refresh **Standard Map** dialog, Click **Tools > Refresh New Map Data.**

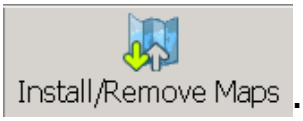
2. Select the map(s) you wish to load by clicking on the map image or selecting them from the list. (√) represents a selected map to install.

3. In Target device, click **Change** to select where to install the map(s). You can install to Main Memory, Storage Card or Removable Disk (External Reader).

   You are, prompted to select the target device where maps are to be uploaded.

4. Choose one (highlight) eg: Storage Card, click **OK**.

   Confirm that there is enough memory to install map in.

5. Click 

. A pop-up message requiring confirmation appears.

6. Press **OK** to load map.

   Destinator ND Console will display a progress window to let you monitor the installation's progress.

7. When the map installation has completed, a Successfully loaded message appears. Press **OK**.

2.7 Removing Map(s) from Memory

If you do not have Destinator ND Console launched:

1. Insert the Destinator ND Disk 1, into the CD-ROM in your desktop computer, this automatically launches the **Destinator ND Console.**

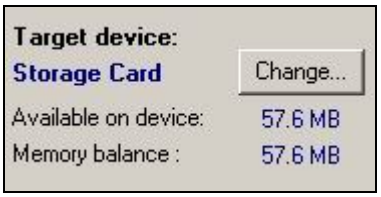


Figure 7 - Change Target Device (Memory)

2. In **Target device** click **Change,** select from where (which memory) to remove map(s). This will update the **Installed Map** Window.

3. The Installed Map Window displays a list of all the loaded maps available. Click in the check box (√) beside the map(s) you wish to remove.

4. Press the

button to remove the selected map.

5. **Destinator ND** requires that you confirm that you wish to remove the selected map(s).

6. Press **Yes**, the selected map(s) are removed from memory.

2.8 Exit From Destinator ND Console

1. If you need to exit the Destinator ND Console **File > Exit.**

   You will need to confirm that you want to **Exit** the **Destinator ND Console.**

2. Press **Yes** and you will exit.

3

Navigating a Route

3.1 Introduction

This chapter will help you to define and plan a route. You will be able to select a destination, set your origin, or plan a journey. The route calculated in real time is from your current GPS position.

There are several ways to configure your destination using the **Menu** button ( ). You can navigate to:

- **An Address**
- **An Intersection**
- **A Zip/Postal Code**
- **A POI (Point Of Interest)**
- **An Address in Favorites**
- **An Address In History**

3.2 Map Description

There are various buttons and icons on the map screen that are used to plan and view a route.

Figure 8 - Main Map View

Location Icons

(or in Pedestrian Mode) shows your current location while in **Navigation Mode**.

(or in Pedestrian Mode) shows your last known GPS location while in **Navigation Mode**. This is not your current location, because there is no valid GPS information at this time.

(or in Pedestrian Mode) shows the Origin in **Planner Mode**.

See **Section 5.7 Route Settings** for descriptions of Navigation Mode and Planner Mode.

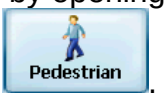
Map Screen Buttons

Toggles between Turn by Turn details and a complete list of Driving Directions.

Shows magnetic direction as you move.

Toggles between 2D, 2D Night, 3D and 3D Night views. The icon indicates the next view to be displayed.

Lets you define and plan your route via the Destination Menu. Also allows you to access the Options Menu and Settings Menu. Indicates whether you are in Vehicle Mode ( ) or Pedestrian Mode ( ). You can change modes by holding down the button for several seconds, or by opening the Options Menu and pressing either

or 

. In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).

Displays details about your route, such as ETA (Estimated Time of Arrival), ETR (Estimated Time Remaining) and the distance to your destination.

Displays GPS–generated information, such as altitude, longitude coordinates, geographic position, current location, altitude, and speed. The icon indicates the next item to be displayed.

Displays GPS status, such as information about your satellite fix, and the latitude, longitude and altitude of your position. The icon appears green when there is a GPS fix, and red when there is no GPS fix. Also provides a link to the GPS Settings screen.

Displays battery status. When the battery power is low, a message box will appear.

Calculates a route to a pre-set POI or address.

Menu Button

This button is shared by two functions: Vehicle Mode ( ) and Pedestrian Mode ( ). You can toggle between these two modes by holding down this button for several seconds. In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).

You can click on the and buttons to cycle to the Destination Menu, the Options Menu, and the Settings Menu as seen in Figure 9. Alternatively, you can press the button to cycle through the menus.

Figure 9 - Menu Structure

3.3 The Destination Menu

1. At the map screen, press the button to open the Destination menu.

2. You can choose your destination from the following options:
   - Address list
   - Point of Interest (POI) list
   - Favorites list
   - History list

3. From your current position, the route is calculated and displayed as a blue line. The green triangle represents your Origin (or departure point).

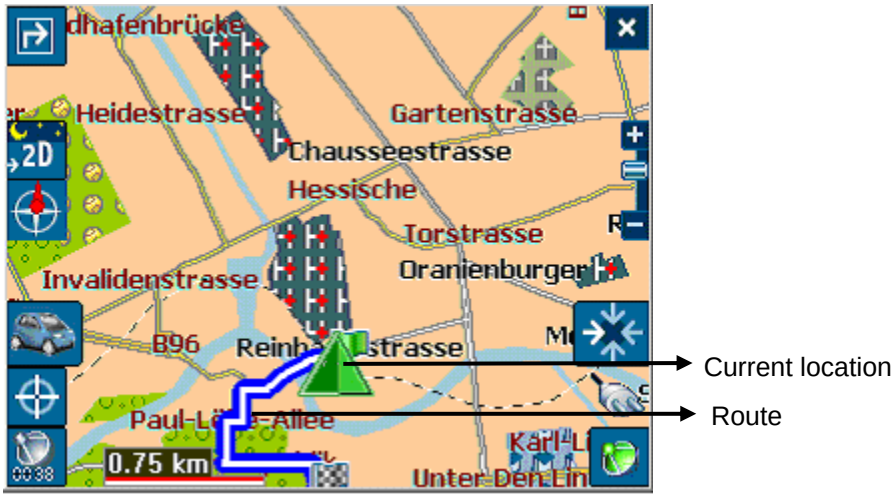


Figure 10 - Main Map View Dialog

3.4 Navigate To An Address (or Intersection)

When you navigate to an address, there are several ways of defining your destination. You can navigate to a destination by selecting an address, a zip/postal code, or an intersection.

The **Cross Region Navigation** feature lets you navigate a route that extends across more than one region. This feature becomes available only when you have several maps installed.

The default order for entering your destination is City -> Street -> Number, but by clicking on the button, you can cycle through the different ways of specifying your address.

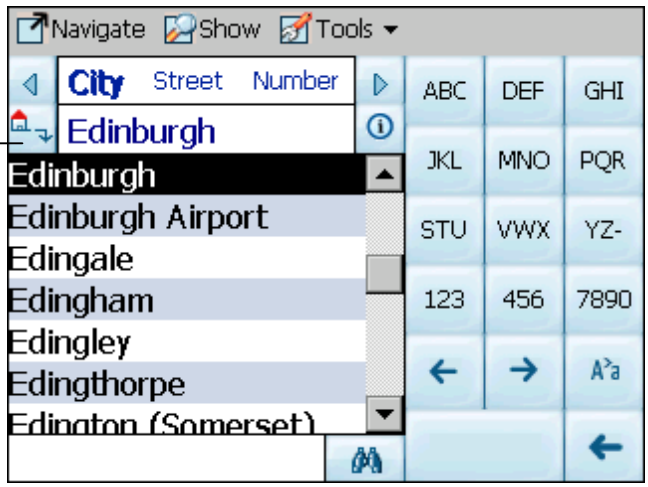


Figure 11 - Address Search Screen

Lets you search for an address by first entering the **City**, then the **Street**, then the **Number**.

Lets you search for an address by first entering the **Street**, then the **City**, then the **Number**.

Lets you search for an address by first entering the **Zip/Postal Code**, then the **Street**, then the **Number**.

Lets you search for an address by first entering the **Street**, then the **Zip/Postal Code**, then the **Number**.

Lets you search for an intersection by entering the **City**, the first **Street**, then the intersecting **Street**.

For example, to navigate to an address using the **City -> Street -> Number** search order:

1. Press **Region** if you are navigating a route across several maps. Highlight your selection from the list of installed maps. (If only one map is installed, you will not see the Region option.)

2. Press **City** and use the keyboard to enter the first few characters of the city name. The scroll list will update accordingly. You can also change your keyboard from uppercase to lowercase by pressing the button.

3. Press **Street** to display a list of street names for the selected city. Select the street name by entering the first few characters or by scrolling down the list (eg: Birch, Ave).

4. Not all cities/towns are mapped to the street level. In such cases, the software will display **Street data not found**. You can still navigate to the city as selected.

5. Press **Number** and enter the number using the keyboard.

6. Once you have entered your destination, there are several options available on the toolbar found at the bottom of the screen.

Calculates and displays your route, which is shown as a blue line on the map.

Shows the destination on the map and displays its details.

Allows you to add the destination to your Favorites Folder, or to set it as your Origin.

As you drive, Destinator ND provides you with turn-by-turn voice and visual directions, letting you know when your next turn is coming up until you arrive at your destination.

If you don't know the entire name of a city or street, type in part of the name and press the button. This will display a list of all names that match what you've typed in.

For more information on a City, Street or Number click to display details about the location, such as its city, street name, and latitude and longitude coordinates.

Note:
Some smaller (sub-) municipalities may not contain street data. In such cases, please choose the larger (super-) municipality displayed in parentheses to search for these streets. Alternatively, you can change the search order to Street>City or Zip/Postal Code>Street to find street data for the smaller municipality.

3.5 Navigate To A Point of Interest (POI)

The **Points of Interest (POI)** list is a collection of potential destinations of interest in predefined categories. POIs are identified on the map by various icons (eg: **Restaurants**). POI navigation is especially handy when you need to find a facility, attraction or amenity by category or type. For example, you can ask Destinator ND to guide you to the nearest bank, mall, hotel, restaurant, gas station, etc.

The **Cross Region Navigation** feature lets you navigate a POI route that extends across more than one region. This feature becomes available only when you have several maps installed.

1. From the Destination Menu, press the **POI** button.

2. Press **Region** if you are navigating a route across several maps. Highlight your selection from the list of installed maps. (If only one map is installed, you will not see the Region option.)

3. Press **Categories** and highlight your selection from the list of POI categories. For example, we can search for the nearest restaurant.

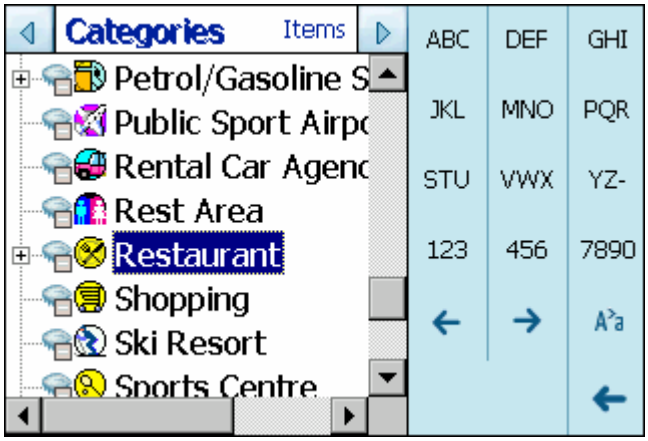
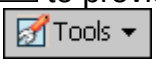


Figure 12 - POI Categories

At this point, you can display all the items within a category on the map screen by tapping the button beside any of the categories. When selected, the button will appear as . Press to return to the map screen.

4. With Restaurants highlighted, tap **Items** to display a list of Restaurants in your area. The POIs are listed in order of distance. To sort them alphabetically, press the button.
5. Highlight your choice and click to calculate your route. The route is shown on the map as a blue line from your current GPS position.
6. You can select to preview your destination on the map, or press  to add the destination to your Favorites or to set it as your Origin. You can also select Settings to define your Search Radius and Search Center.

As you drive, Destinator ND provides you with turn-by-turn voice and visual directions, letting you know when your next turn is due.

3.6 Navigate To A Favorite

You can select a destination from your list of stored **Favorites**. (The next section describes how to save an item to your **Favorites** list.)

A Favorite is an address or destination previously stored by you for quick and easy retrieval. You can also save, edit or delete destinations from this folder.

1. From the Destination menu, press the **Favorites** button. Your list of Favorites categories is displayed.

2. Highlight **My Favorites** and tap **Items**. A list of stored items is displayed.

3. Highlight your selection and click

to calculate your route. The route is shown on the map as a blue line from your current GPS position.

4. You can also select

to preview your destination on the map, or press

to edit or delete your choice, or to set it as your Origin.

As you drive, Destinator ND provides you with turn-by-turn voice and visual directions, letting you know when your next turn is due.

3.7 Save to Favorites

When selecting a Destination which you may use regularly, you can save it to your personalized **Favorites** list.

1. At the map screen, press the button to open the Destination menu.

2. Select and specify your desired destination as described previously, be it from **Address, POI, History** or **Contacts**.

3. To save the location in your **Favorites** folder, click the

button and select Favorites. The Edit Item Properties screen is displayed.

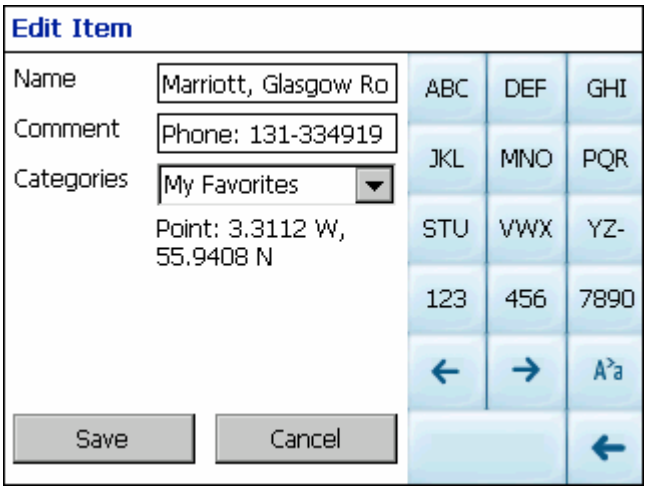


Figure 13 - Adding An Item to Favorites

4. Enter a name and comment that will help you recognize the item in future.

5. Enter a new category name (eg: Must see) or select an existing one and press **Save**.

Your favorite destination has now been stored for future use.

3.8 Navigate To A History Item

History allows you to select an existing destination from a list of previously traveled routes. The software automatically stores the last few destinations in memory. As each new route is added to the top of the list, the older destinations at the bottom are erased.

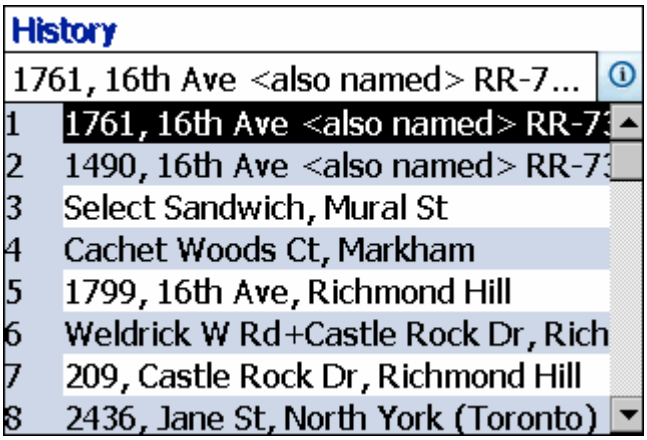
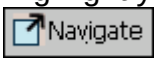


Figure 14 - History List

1. From the Destination Menu, press the **History** button to display your list of previously traveled routes.

2. Highlight your selected History item and click 

to calculate your route. The route is shown on the map as a blue line from your current GPS position.

3. You can also select

to preview your destination on the map, or press

to add the destination to your Favorites or to set it as your Origin.

3.9 Navigate To A Point on the Map

You can navigate to any point on the map by tapping its location directly on the map screen. This feature is especially handy when you want to navigate to a specific point you see on the map, but you don't have its street address.

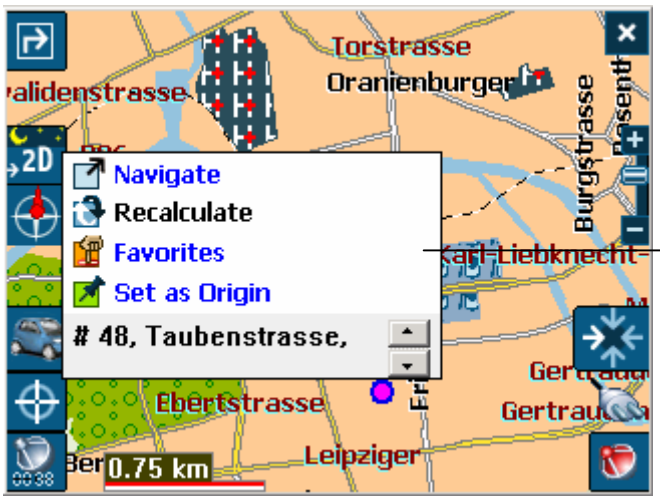


Figure 15 - Map Cursor Dialog

1. Use the stylus to scroll or drag the map to a specific point, and then tap the desired location.

2. A dialog box displays the address of that point, and lets you select whether you want to navigate to it, recalculate your route, add the point to your Favorites, or set it as your Origin (if you are in Planner Mode).

3. To clear the cursor dialog, just tap the screen again.

If you need to reset the point of **Origin,** tap the map screen to open the **Cursor Dialog**, and select **Set As Origin**. All new route calculations will use this as the starting point, but only if you are in Planner Mode. In Navigation Mode, your current GPS location is always your Origin.

3.10 Trip Planning

Trip planning is useful when you have more than one destination along your route. This process is similar to the procedures used to enter or select a destination and initiate navigation, except that you must be in Planner Mode.

When you press

, the Route is calculated in stages, from the departure point to the first waypoint. Once you've reached the first waypoint, the route is recalculated to the second waypoint, and then recalculated to the third waypoint, and so on.

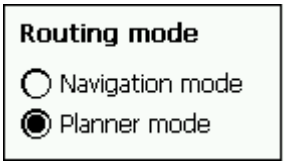
How to Use Trip Planning

Use the following method to plan a trip:

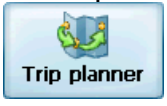
1. Ensure you are in **Planner Mode**. To do this, press the button and cycle to the Settings Menu.

2. Press Route Settings

and select Planner mode.



3. Press the button to save and return to the map screen.

4. At the map screen, press the button and select **Trip Planner** 

from the Destination menu.

Note: If this is the first time you are using Trip Planner you will need to create a Trip Folder in which to store your trip details. You can use any name. For this example we will be using **My trip**.

5. From the tool bar at the top of the screen, click **Tools** and select **Add** to create a trip folder.

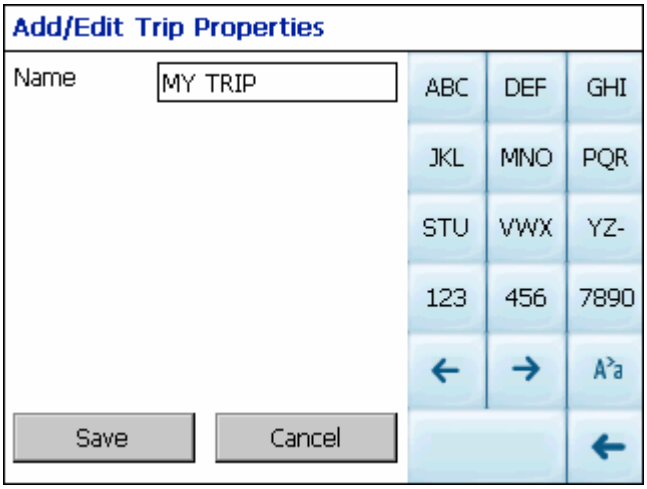


Figure 16 - Adding a Trip Folder

6. Enter the name of your trip folder (e.g. My trip) and press **Save**. You can now enter the waypoints of your trip.

What is a waypoint? A waypoint is a stop or break in your journey, along a predefined route.

7. Highlight your trip folder, and press **Waypoints** near the top of the screen to define your waypoints.

8. From the tool bar at the bottom, click **Tools** and select **Add** to define your waypoints.

9. Select the address of your first waypoint – this can be selected from **Address**, **POI**, **Favorites** or **History** – and press OK.

10. In the **Edit WayPoint Properties** screen, you can change the name or details of the waypoint. Press **Save** to add to your trip.

Repeat steps 6 to 9 to enter all the waypoints.

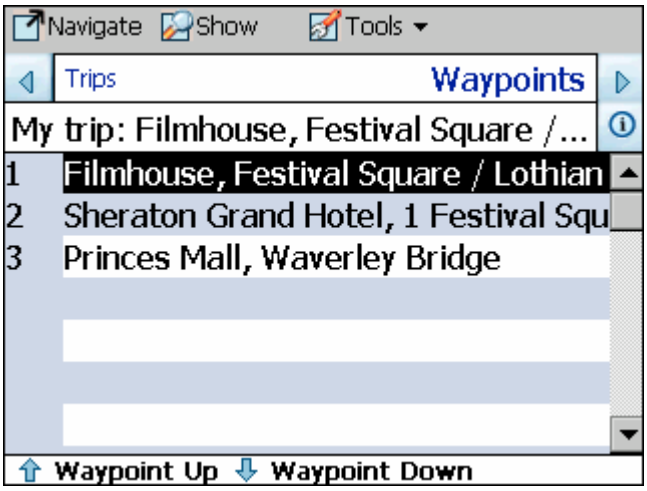


Figure 17 - Trip Planner and Waypoints Dialogs

11. Select the **Show**

button to view the complete route. The first part of the route is shown as double blue lines. The remaining parts of the route are shown in a series of single line vectors.

12. Using

or

, you can change the order of your waypoints to suit your purposes.

13. You can also click on **Tools > Optimize,** which will automatically sort the waypoints for the most effective and quickest route.

14. To calculate the route, press **Navigate**

. The route is shown as a blue line from your current GPS position.

***** Remember to change back to Navigational Mode. *****

See **Section 5.7 Route Settings** for a description of Navigation Mode and Planner Mode.

3.11 Avoid Roads

You can specify that certain roads be excluded from your route calculations. For example, you may prefer to not travel on any toll roads.

1. From the Destination Menu, press the **Avoid Roads** button to display a list of road categories.

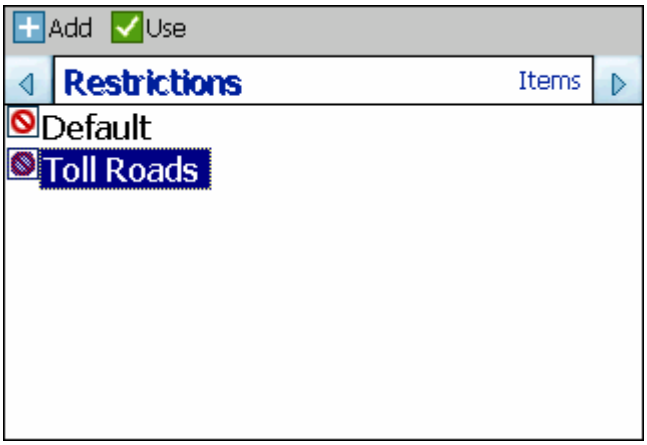


Figure 18 - Avoid Roads (Categories)

2. To place restrictions on a desired road category, highlight the category and press Use or Avoid to suit your preference. Press Add... to add a new category.

3. Tap on **Items** to list all the roads in a highlighted category. To specify restrictions for a particular road, highlight it and press Use or Avoid. To preview a highlighted road on the map screen, press the Tools button and select **Show**.

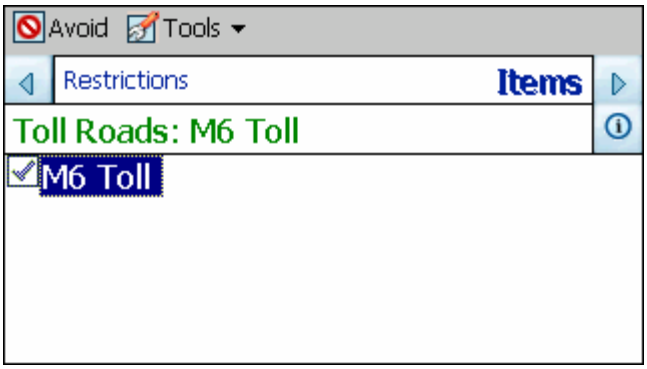


Figure 19 - Avoid Roads (Items)

4. Once you have specified your road restrictions, press to return to the map screen.

4

Options

4.1 Introduction

There are various route and map options available from the Options Menu.

This chapter contains the following topics:

- Showing your Route
- Displaying Directions
- Canceling your Route
- Recording and Playing Back a Route
- Switching Maps
- Selecting Travel Mode
- Getting Help

4.2 The Options Menu

The Options Menu provides choices for displaying your route, displaying your driving directions, canceling a route, playing and recording a route, switching maps, selecting your mode of travel, and getting help with basic navigation.

4.3 Show Route

This option displays your route on the map screen in its entirety, plus details such as the address of and distance to your destination, the ETA, and the ETR.

4.4 Driving Directions

This function displays a visual list of your route, distances to each manoeuvre, and street names. By using the scroll bar on the right hand side, you can scroll through the entire route. Tapping on the manoeuvre twice displays that part of the route.

Voice and visual prompts (displayed at the top of the screen) are provided at varying intervals to indicate your next turn or change of direction.

Figure 20 - Driving Directions

The Driving Directions screen also gives you several route options:

Show Route

Displays your route on the map screen in its entirety, plus details such as the address of your destination, the ETA, and the ETR.

Cancel Route

Cancels and clears the route from the map screen.

Show Turn

Displays the highlighted portion of the list on the map screen, including the street name, distance to it, and an arrow diagram to indicate the turn. You can also use the **Prev** and **Next** arrows to scroll to the previous or next turn.

Avoid Turn

Will recalculate your route to exclude this particular turn or manoeuvre.

4.5 Turn By Turn

This view indicates the distance to your next turn, and the name of the next street immediately after completing the previous turn.

Voice and visual prompts are displayed at varying intervals to indicate your next turn or change of direction.

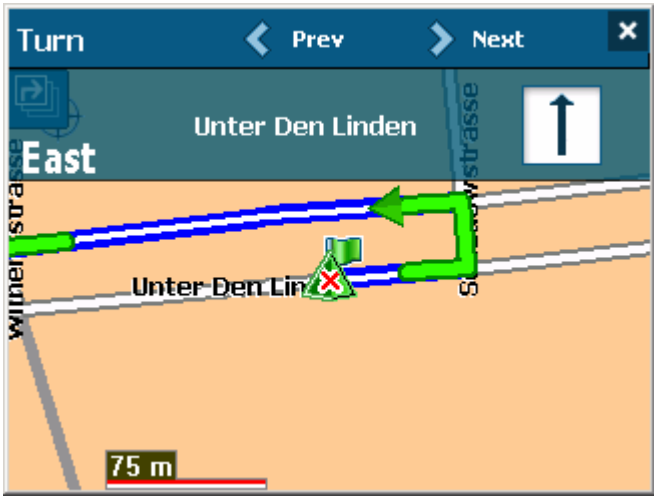


Figure 21 - Turn by Turn Dialog

4.6 Cancel Route

Cancels and clears the route from the map screen.

4.7 Play

This feature allows you to record your route as you're traveling, and then to play it back on the map screen at a later time. From the Play/Record screen, you can record a route, play back a route, change the speed of the playback, and delete recordings. Pressing returns you to the map screen.

4.8 Switch Maps

This feature lets you switch between your maps. The Switch Maps screen also displays details and version numbers of your maps, and allows you to delete maps.

4.9 Travel Mode

You can further define your route according to whether you are traveling by car or on foot. This button lets you switch to Pedestrian Mode or Vehicle Mode. In Pedestrian Mode, the navigation radius is restricted to 10 kilometres (6 miles).

4.10 Help

This button launches an abbreviated help file with basic navigational definitions and instructions.

4.11 About

Displays software version and details about your Destinator ND application.

5

Settings

5.1 Introduction

You can easily change the default settings of maps, views and route parameters to suit your personal preferences.

This chapter contains the following topics:

- GPS Status
- Home Button Settings
- General Settings
- Map Settings
- Route Settings
- Alert Settings
- Visual Notifications
- Look & Feel

5.2 The Settings Menu

The Settings Menu allows you to change the settings which determine how your route is calculated or displayed.

5.3 GPS Status And Settings

Destinator ND uses GPS signals to pinpoint your location. In **Navigation mode**, the software automatically acquires GPS signals and constantly updates your vehicle's location and position. The GPS may take a few minutes to find its current location initially. For best results, ensure that the GPS has a clear view of the sky.

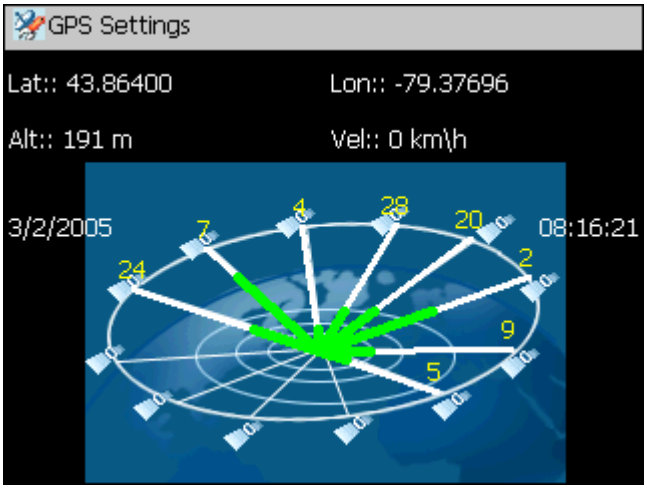


Figure 22 - GPS Status Screen

To view your GPS configuration, click on the

button. You can access this button via the **Settings Menu > GPS Status**, or by clicking on the button on the map screen.

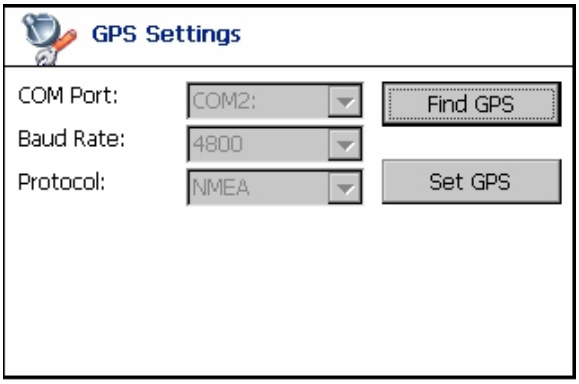


Figure 23 - GPS Settings Dialog

GPS Settings Configuration menu:

1. **COM Port** - Defines the Communications Port.
2. **Baud Rate** - Transmission rate of data.
3. **Protocol** - Default is NMEA.

Find GPS – Searches for and locates the GPS signal.

Set GPS - Sets the GPS Configuration.

Press the button to save your selections and return to the **GPS Satellite** graphic screen.

5.4 Home Button Settings

The Home Button Settings button lets you define an address or POI as your home destination. Whenever you want to navigate to your home destination (for example, the nearest gas station), press the button.

In the Home Button Settings screen, select either POI Mode or Address Mode to set your desired destination.

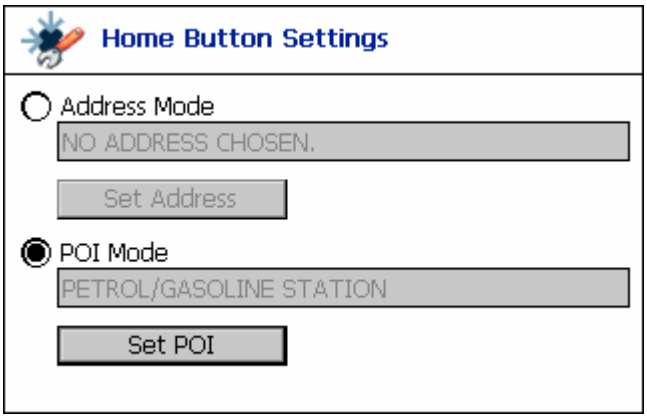


Figure 24 - Home Button Settings Screen

Press the button to save and return to the map screen.

Now, when you press the button, Destinator ND will automatically calculate a route to this destination.

5.5 General Settings

The General Settings screen allows you to choose the unit of measurement for your route.

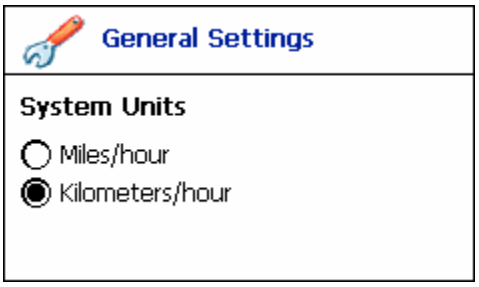


Figure 25 - General Settings Dialog

All distances are displayed in imperial or metric units.

1. **Imperial** (Miles and yards)
2. **Metric** (Kilometers and meters)

Press the button to save your selection and return to the map screen.

5.6 Map Settings

The Map Settings screen lets you customize your map display.

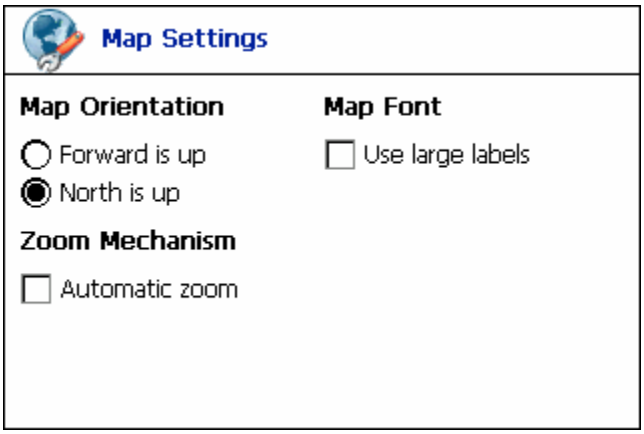


Figure 26 - Map Settings Dialog

Map Orientation

Forward is up – orients the map so that your forward direction is always at the top.

North is up – orients the map so that north is always at the top.

Zoom Mechanism

Automatic Zoom – ensures that the zoom will return to its previous level after several seconds of inactivity.

Map Font

Use large labels – increases the size of street names to make the map easier to read.

Press the button to save your selections and return to the map screen.

5.7 Route Settings

The Route Settings screen lets you choose the parameters for route calculation.

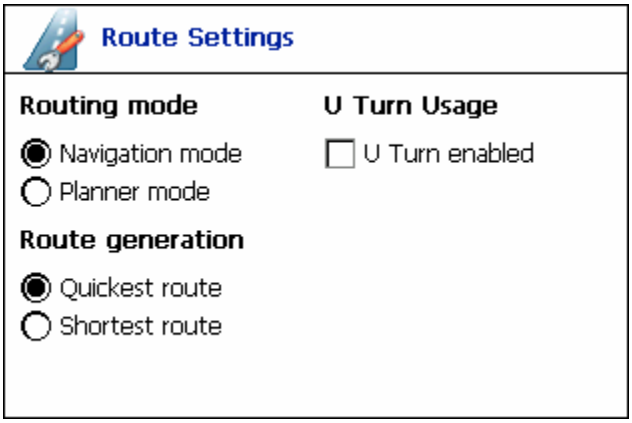


Figure 27 - Route Settings Screen

Routing Mode

Navigation Mode – Provides voice instructions as you drive.

This mode is the one you will use most frequently. Destinator ND uses the satellite-based global positioning system (GPS) to constantly detect your current position. As you drive, your location is compared to the destination you have chosen and you will be constantly provided with accurate driving directions. Even if you accidentally drive off course, Destinator ND will direct you back on track.

Planner Mode – Displays a route on the map.

You set an origin and a destination, and Destinator ND displays a map that shows you the route. In this mode of operation, the satellite-based global positioning system (GPS) is not used. Your current position is not detected and Destinator ND does not keep track of your driving progress. Use Planner Mode for trip planning.

Route generation

Quickest route – Destinator ND calculates the route by picking the shortest distance and highest speed limits.

Shortest route – Destinator ND calculates the route by picking the shortest distance.

U Turn Usage

U Turn enabled - If you select this option, the route will be calculated by including any U Turns that are needed. If you clear this option, the route will be calculated without any U Turns. (This feature is included because some drivers prefer not to make U Turns.)

Note: Route generation excludes any detours, stops or delays along the route.

Press the button to save your selections and return to the map screen.

5.8 Alert Settings

This screen displays warnings and alerts which, when selected, will provide voice prompts.

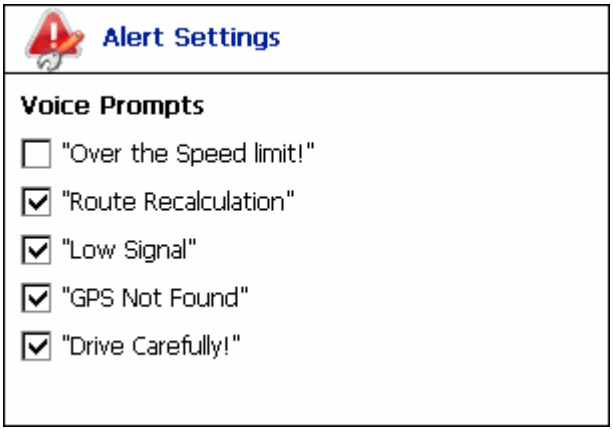


Figure 28 - Alert Settings Dialog

Voice Prompts

1. **Speed Limit** - Gives you a voice prompt when your car exceeds the speed limit on this section of the road.
2. **Route Recalculation** - If you deviate from the original route, Destinator ND automatically recalculates a new route and updates ETA and distances.
3. **Low Signal** - Warns that you are in an area of low GPS signal.
4. **GPS Not Found** - Alerts you if the GPS signal is lost, or if power is removed from the GPS receiver.
5. **Drive Carefully** - Friendly reminder at the start of each journey.

Press the button to save your selections and return to the map screen.

5.9 Visual Notifications

The Visual Notifications screen lets you choose how Destinator ND notifies you of your upcoming turns.

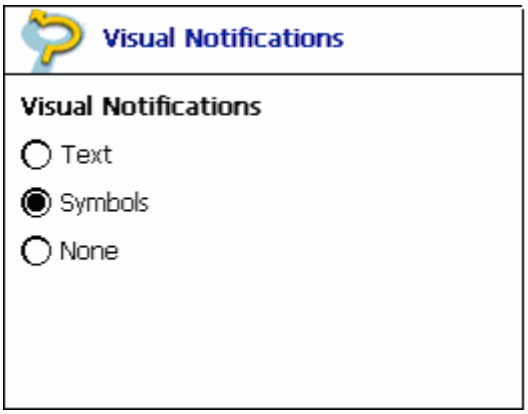


Figure 29 - Visual Notifications Screen

1. **Text** – Visual notification is displayed in written form.

2. **Symbols** – Visual notification is displayed in pictorial form (as an arrow diagram).

3. **None** - No visual prompts are displayed.

Press the button to save your selections and return to the map screen.

5.10 Look & Feel

The Look & Feel screen allows you to customize the sound and appearance of Destinator ND.

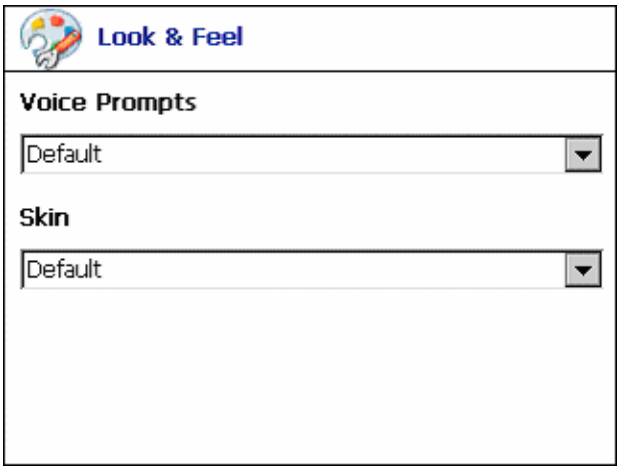


Figure 30 - Look & Feel Screen

Voice Prompts – Default or change to different voice.

Skin – Default skin or different skins, if available.

Press the button to save your selections and return to the map screen.

6

Changing Map Views

6.1 Introduction

You can change your view of the map, and the way in which the map is displayed on the screen.

This chapter contains a description of the following topics:

- How to Zoom and Scroll
- Types of Views
- Day or Night Mode

6.2 How to Zoom and Scroll

Figure 31 - Main Map Screen

With **Automatic Zoom** selected (Settings Menu > Map Settings button) you can use the zoom buttons to override the auto zoom, but the zoom will return to its previous level after several seconds of inactivity.

When **Automatic Zoom** is not selected, you can zoom in or zoom out manually and it will remain at that level.

You can scroll the map by holding your stylus on the screen, and dragging the image in any direction.

6.3 Types of View

The button on the map screen toggles between 4 types of views: 2D, 2D Night, 3D and 3D Night. The icon indicates the next view to be displayed.

2D View

The 2D view is a straight-forward two-dimensional view. This is the default map view. In this view, the map is dynamically updated, and allows for manual panning and zooming.

2D Night View

This is a high contrast, two-dimensional view, optimized for night driving or adverse weather conditions. The map is dynamically updated, and allows for manual panning and zooming.

Figure 32 - 2D Night View

The route, start point and destination (outlined in blue) are clearly visible under a variety of weather and driving conditions.

3D View

The 3D view is a simplified three-dimensional view showing the map in a basic 3D relief. It shows the basic relief (outline) and details of the surrounding roads and general area.

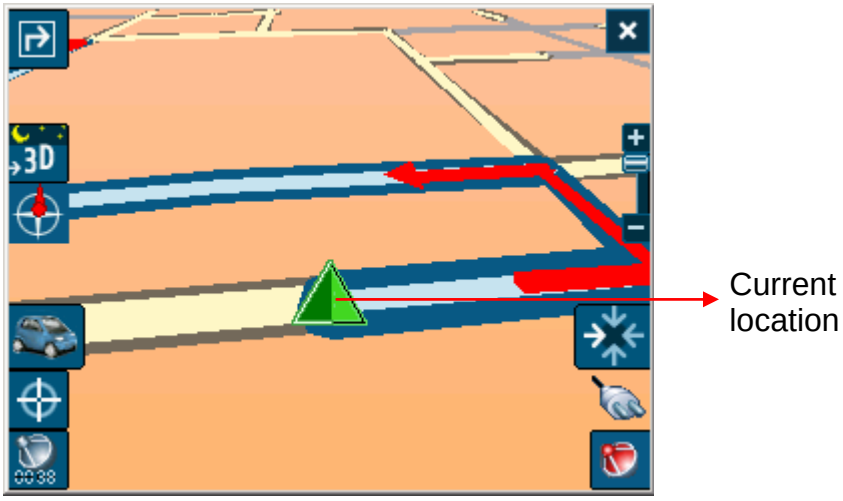


Figure 33 - 3D View

3D Night View

The 3D night view is a simplified three-dimensional view with high-contrast colorization optimized for night driving or adverse weather conditions.

Figure 34 - 3D Night View

7

Auto & Favorites Alerts

7.1 Introduction

An Automatic Alert refers to an item that you can configure so that Destinator ND will alert you when you are within a certain distance of the item's location. You can configure two distances for each Automatic Alert. Destinator ND will first alert you when you are within the first distance and then alert you when you are within the second distance. Automatic Alerts must be stored in either one of three predefined categories - Auto Alerts 1, Auto Alerts 2, and Favorites Alerts.

7.2 Configuring Auto Alerts Category

Note that this configuration is applied to all items in the category.

1. From the Destination dialog, select Favorites.

2. Highlight the Auto Alerts folder you want to configure and select Edit… from the Tools menu in the lower-right corner.

3. To enable both alerts, check both boxes. Or, you can disable one of the alerts by clearing the box next to it. If you configure two alerts, the first one must have a greater distance than the second one.

4. From the pull-down menus, select a distance for each enabled alert. Destinator ND will alert you when the distance between your current traveling position and the location of the alert equals the distance you enter here.

5. Close the Edit menu.

6. To display the map position of items in the Auto Alerts category, check the box to the left of the category name, just as you would to display map positions of items in any other category.

7. Select Save to complete the configuration.

7.3 Configuring Auto Alerts Items

You can change the name, comment, and category of any item in Auto Alerts 1 or Auto Alerts 2. However, note that if you change the category of an item to something other than Auto Alerts 1 or Auto Alerts 2, it will no longer function as an auto alert. Only those items in categories Auto Alert 1 and Auto Alert 2 will function as automatic alerts.

1. From the Destination dialog, select Favorites to display all the categories.

2. Highlight a category and then select Items from the upper menu bar. All items in the category are displayed.

3. Highlight the alert you want to edit and select Edit from the tools menu in the lower right corner.

4. You can change the name, comment, and category of an item. You cannot change any other information. Note that if you change the category, the item will be moved out of the current category. Only those items found in either Auto Alerts 1 or Auto Alerts 2 will actually function as auto alerts.

5. Close the edit window.

7.4 Favorites Alerts

From the Favorites folder, you can add a new Category called **Favorites Alerts**. These alerts function the same way as Auto Alerts, but can be used specifically for items from your list of Favorites, such as your favorite restaurants and places of interest.

Glossary

This glossary describes terms and abbreviations used with Destinator ND.

Abbreviation	Name	Description
COM PORT	Communications Port	In Computer systems, the name of a serial communications port - Eg: COM1, COM2, COM3, and COM4.
EULA	End-User License Agreement	Is a legal contract between a software application author or publisher and the user of that application. The EULA, often referred to as the "software license," is similar to a rental agreement; the user agrees to pay for the privilege of using the software, and promises the software author or publisher to comply with all restrictions stated in the EULA.
ETA	Estimated Time of Arrival	The estimated time to complete the journey, if we where to leave now. Excluding any detours, stops or delays along the route.
ETR	Estimated Time Remaining	The estimated time remaining to complete the route. Does not allow for any delays.
FAQ	Frequently Asked Questions	A list of Frequently Asked Questions with Answers.
GPS	Global Positioning System	The GPS (Global Positioning System) is a "constellation" of 24 well-spaced satellites that orbit the Earth and make it possible for Vehicles/ people/ assets enabled with GPS receivers to pinpoint their location.
Lat	Latitude	An imaginary parallel circular line (**East** / **West**) around the earth, the same distance, north or south from the equator – expressed in degrees.
Long	Longitude	An imaginary circular line on the surface of the earth passing through the **North** and **South** poles at right angles to the equator - expressed in degrees.
Orbit	Orbital path of a Satellite	Path or trajectory of a body through space. A GPS satellite traces out an orbit about the earth.

Abbreviation	Name	Description
POI	Point Of Interest	A place or item of interest along the selected route.
Sat	Satellite See also **GPS**	A man-made object, or device that orbits the earth. Eg: a GPS Satellite which orbits the earth in a fix pattern, height and speed
SD	Secure Digital memory card	A Secure Digital (SD) card is a tiny flash memory card used to make data storage portable among various devices.
TTD	Total Time Duration	The projected total time the trip is calculated to take - does not allow for any detours or other delays.

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